Cognitive Neuroscience

DESCRIPTION OF THE FIELD
Cognitive Neuroscience, also referred to as Biological Psychology, Psychobiology, Behavioral Biology, or Behavioral Neuroscience, is the scientific study of the biology of behavior and mental processes. Neuroscience is the scientific study of the nervous system, which has become an interdisciplinary science that includes disciplines such as psychology, computer science, statistics, physics, philosophy, and medicine. As a result, the scope of neuroscience has broadened to include different approaches used to study the molecular, developmental, structural, functional, evolutionary, computational, and medical aspects of the nervous system. Cognitive Science is the interdisciplinary study of how information is represented and transformed in the human brain. It consists of multiple research disciplines, including psychology, artificial intelligence, philosophy, neuroscience, learning sciences, linguistics, anthropology, sociology, and education. It spans many levels of analysis, from low-level learning and decision mechanisms to high-level logic and planning; from neural circuitry to modular brain organization. Cognitive Neuroscientists use their knowledge of biology to study psychological phenomena such as behavior, learning, memory, perception, attention, motivation, emotion, and cognition. (Provided by University of Arizona, School of Mind, Brain and Behavior, Neuroscience and Cognitive Science)

CAREERS
There are many different areas that one can go into with a degree in Cognitive Neuroscience. Most people in this profession have a PhD and are in this field as researchers and/or professors.

- Academia, Teaching, & Education
- Health-Related –Clinical Psychologist, Nursing field, Occupational Therapist, Physical Therapist, Technician
- Government & Policy –Policy development or consulting in government offices (Federal Drug Administration, Center for Disease Control, etc.)
- Biotech Industry –Research Scientist, Laboratory Director or Manager, Public Relations

RESOURCES
For more information please, visit the following websites:
The University of Arizona, School of Mind, Brain and Behavior, Neuroscience and Cognitive Science (NSCS)
http://web.mbb.arizona.edu/NSCS

International Neuropsychological Society
http://www.the-ins.org/

American Psychological Association, Society for Clinical Neuropsychology, Division 40
http://www.div40.org/

National Academy of Neuropsychology
http://nanonline.org/